FM-MC4 / DFMA02

SOFTWARE INSTALLATION MANUAL

FM MEASUREMENT AND ANALYSIS SOFTWARE

For FM-MC4 and DFMA02 equipment

Document reference

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I. GENERAL.

This installation manual refers to the whole set of **FM measurement** programs. They are delivered on a CD-Rom which also includes relevant documentations and an installation program. A calibration disk is delivered as well with any new measuring equipment.

The CD-Rom includes following software :

- Dynamic modulation analyser.
- RF coverage measurement.
- Scanning.
- RDS analyser.
- DARC analyser.

I.1. Software environment.

All the programs need **WINDOWS** type of software environment, version **9x , 2k , NT 4.x** or **XP**. The user has to make sure one of these environments is installed in his/her computer, as well as available versions, referring to software and hardware manuals.

I.2. Computer configuration.

The following table shows computer system configuration needed – or desirable – for optimum operation of measurement software.

	Windows 9.x	**Windows NT 4.x (SP6)**	**Windows 2k (SP3) XP**
Processor	Pentium 100MHz	Pentium 233MHz	Pentium 300Mhz
RAM memory size	16 Mo	64 Mo	128 Mo
Hard disk size	80 Mo	80 Mo	80 Mo
Centronics printer port	1	1	1
RS232C serial port	1	1	1

NB : For new portable PC not offering RS232 interface but just USB interface, it is necessary to use an USB/RS232 cable interface.

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I.3. Communication speed.

Data exchange between the computer and the measuring equipment is carried out at predetermined speeds. The following speeds must be supported :

Field measurement, RDS analysis : ..... 9600 Bauds

AF analysis, Scanning, DARC analysis : ..... 19 200 Bauds

MPX analysis and Peak recorder : ..... 115 200 Bauds

I.4. Other software.

In order to benefit from the best performances concerning the processing speed and the data display, it is extremely inadvisable to use other software parallel with analysis or measurement software.

Before using each software, close all files and software in operation.

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II. INSTALLATION.

II.1. Updating old versions.

If the software's installation has been carried out in order to update an old version, two possibilities have to be considered :

- When updating an old AF analysis or SCAN software version of type DFMA01, RX_MCAF oe RX_SCAN, this one is completely **retained** (file names are different). In particular, the user parameter file (*.INI) wil not be overwritten.
- When updating any other software (Field strength measurement, RDS analysis or DARC analysis), the older version will be **replaced** by the newly installed one. In particular, the user parameter files (*.INI) for each software will be updated in order to take the new version into consideration. As these files, located in the system directory, are unique for all versions, keeping an old version software in an alternate directory is strongly inadvisable. This may led to runtime errors. Before installing new versions, we advice to desinstall the old ones (see chapter III).

II.2. Installation procedure.

In order to install software, proceed as follow :

- Before starting installation, close any application which might be running.
- Insert the CD-Rom into computer's drive.
- If **Auto-run** feature has not been cancelled, installation program will start automatically. Otherwise, select **Run...** option from the **Start** menu and enter the following command (assuming D is the CD-Rom drive letter) :

```
D:\Setup.exe
```

- The first window lets you select the desired language for all programs. Select as preferred, then click Ok to proceed : the main installation window is displayed.
- Two set-up modes are available :
  - **Full** set-up will install all the programs delivered on the CD-Rom.
  - **Custom** set-up allows you to install only selected software an/or additional files (User's manuals and Product information).
- If AF analysis software is to be installed, set-up program asks for the measuring equipment type (FM-MC4, DFMA02) in order to setup program accordingly.
- Set-up program is able to load calibration files which may be delivered on a separate floppy disk : you will be prompted for it when needed.
- When installation ends, click **Finish** to exit the program.

Each software user's manual gives extended information on their operation. One should refer to these manuals for further details.

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III. UNINSTALLATION.

An automatic uninstallation procedure is provided in order to remove all components (Folders, Programs, Icons) which were added during installation.

Uninstall procedure is not able to remove only selected components. Should this need arise, full uninstallation must be first carried out, followed by a new installation of only selected components.

In order to remove the **whole** set of **FM-MC4** measurement software, proceed as follow :

- Make sure none of these programs is running.
- Select **'Parameters – Control panel'** option from the **'Start'** menu, then double click the icon **'Add/Remove programs'**.
- Find out **AUDEMAT-AZTEC FM-MC4** within the displayed list and click **'Add/Remove'**.
- The automatic procedure is started.

Once the procedure is over, you will possibly be informed that some folders could not be removed : they certainly include files and/or folders created by user or program execution. These files could not actually be logged for uninstalling : they will need to be removed manualy, if required.

Important : *before proceeding with uninstallation, user has to make sure he owns a master copy of the calibration files (disk or CD-Rom). In opposite case, he/she will have to save them in order to use them on later installing or updating the software.*

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Audemat-Aztec Broadcasting Innovation	**SOFTWARE HITCH REPORT**	**Date :**

ORIGIN

Company : ..... Writer : .....

Telephone : ..... Fax : ..... e-mail : .....

AUDEMAT-AZTEC SOFTWARE

Name : ..... Version : .....

Is the software associated with any equipment ?

☐ Yes Type : ..... Version : ..... Serial n° : .....

☐ No

DESCRIPTION OF PROBLEM

Which computer environment used ?

☐ Windows 9x ☐ Windows NT 4.0 ☐ Windows 2000 ☐ Windows XP

☐ Other (Specify : .....)

Type of computer used:

☐ Portable ☐ Desktop Brand : .....

Memory size : ..... Available disk space : .....

Description :

(Give *maximum information on how the problem was revealed : screen concerned, configuration used, manipulations carried out, etc… Detailed information is indispensable in order to reproduce the same problem and to find a solution*).

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PLEASE RETURN TO

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